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Sequence Listing could not be accepted.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: [year=2010; month=4; day=6; hr=14; min=39; sec=57; ms=399;]

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Reviewer Comments:

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1 5 10 15

Invalid explanation for "Xaa" at location 16, Each "Xaa" ca represent only single Amino Acid. If "Xaa" has to be " Phe-Tyr-Leu or His-His-Thr-Phe-Tyr" you have to insert 4 "Xaa's " and inset the locations at numeric identifier <222> and change the total number of Amino Acid bases in numeric identifier <211>.

Please check for similar errors and make all necessary changes.

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Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Saleem, Syed (ASRC)

Timestamp: [year=2010; month=4; day=5; hr=9; min=33; sec=34; ms=714;]

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Validated By CRFValidator v 1.0.3

Application No: 10576757 Version No: 4.0

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Huber, Steven C
Larabell, Carolyn A

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<130> JIB-1571

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<151> 2003-10-20

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SEQUENCE LISTING

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Huber, Steven C
Larabell, Carolyn A

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<140> 10576757
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<223> X= Glu, Phe, Cys, or Lys

<220>
<221> VARIANT
<222> (13)..(13)
<223> X= Glu, Asp, Lys, Arg, or His

<220>

<221> VARIANT
<222> (14)..(14)
<223> X= Ile, Leu, or Val

<220>
<221> VARIANT
<222> (16)..(16)
<223> X= Phe-Tyr-Leu or His-His-Thr-Phe

<220>
<221> VARIANT
<222> (16)..(16)
<223> X= Phe-Tyr-Leu or His-His-Thr-Phe-Tyr

<400> 25

Glu Xaa Gly Ile Xaa Xaa Xaa Trp Xaa Xaa Xaa Xaa Xaa Xaa Trp Xaa
1 5 10 15

<210> 26
<211> 15
<212> PRT
<213> Artificial sequence

<220>
<223> Motif for a synthetic peptide which causes actin bundling and
inhbits actin depolymerization

<220>
<221> VARIANT
<222> (2)..(2)
<223> X = any amino acid

<220>
<221> VARIANT
<222> (4)..(4)
<223> X = Ile or Val

<220>
<221> VARIANT
<222> (5)..(7)
<223> X = any amino acid

<220>
<221> VARIANT
<222> (9)..(14)
<223> X = any amino acid

<400> 26

Glu Xaa Gly Xaa Xaa Xaa Xaa Trp Xaa Xaa Xaa Xaa Xaa Xaa Trp
1 5 10 15

<210> 27

<211> 15
<212> PRT
<213> Artificial sequence

<220>
<223> Motif for a synthetic peptide that causes actin bundling and inhibits actin depolymerization

<220>
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<223> X= Lys, Arg, or His

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<221> VARIANT
<222> (5)..(5)
<223> X= Ala, Val, Leu, Ile, Phe, Trp, Pro, or Met

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<221> VARIANT
<222> (6)..(6)
<223> X= Lys, Arg, or His

<220>
<221> VARIANT
<222> (7)..(7)
<223> X= any amino acid

<220>
<221> VARIANT
<222> (9)..(13)
<223> X= any amino acid

<220>
<221> VARIANT
<222> (14)..(14)
<223> X= Ala, Val, Leu, Ile, Phe, Trp, Pro, or Met

<400> 27

Glu Xaa Gly Ile Xaa Xaa Xaa Trp Xaa Xaa Xaa Xaa Xaa Xaa Trp
1 5 10 15

<210> 28
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Formula (I) for active synthetic peptides

<220>
<221> VARIANT
<222> (3)..(3)

<223> X = Ile, Val, or Leu

<220>
<221> VARIANT
<222> (4)..(4)
<223> X = Arg, Lys, Asn, or Thr

<220>
<221> VARIANT
<222> (5)..(5)
<223> X = Arg, Lys, Asn, or Asp

<220>
<221> VARIANT
<222> (7)..(7)
<223> X = Ile, Asp, Asn, or Glu

<220>
<221> VARIANT
<222> (8)..(8)
<223> X = Ser, or Asp

<220>
<221> VARIANT
<222> (9)..(9)
<223> X = Arg, Met, or Ala

<220>
<221> VARIANT
<222> (10)..(10)
<223> X = Phe, or Glu

<220>
<221> VARIANT
<222> (11)..(11)
<223> X =Asp, Glu, Lys, Arg, or His

<220>
<221> VARIANT
<222> (12)..(12)
<223> X =Val, or Ile

<220>
<221> VARIANT
<222> (14)..(14)
<223> X =Pro, or His

<220>
<221> VARIANT
<222> (15)..(15)
<223> X =Tyr, or His

<220>
<221> VARIANT
<222> (16)..(16)
<223> X =Leu, or Thr

<400> 28

Gly Ile Xaa Xaa Xaa Trp Xaa Xaa Xaa Xaa Xaa Xaa Trp Xaa Xaa Xaa
1 5 10 15

<210> 29
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Formula (II) for synthetic active peptides

<220>
<221> VARIANT
<222> (3)..(3)
<223> X = Ala, Val, Leu, Ile, Phe, Trp, Pro, or Met

<220>
<221> VARIANT
<222> (4)..(4)
<223> X = Lys, Arg, or His

<220>
<221> VARIANT
<222> (5)..(5)
<223> X = any amino acid

<220>
<221> VARIANT
<222> (7)..(11)
<223> X = any amino acid

<220>
<221> VARIANT
<222> (12)..(12)
<223> X = Lys, Arg, or His

<400> 29

Gly Ile Xaa Xaa Xaa Trp Xaa Xaa Xaa Xaa Xaa Xaa Trp
1 5 10